Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136609.D
Acq On : 18 Dec 2023 12:18
Operator : CG\JU
Sample : PB157718BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 18 12:54:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157718BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

Supervised By :mohammad ahmed
12/19/2023

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	133929	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	567504	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	292715	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	532995	20.000	ng		0.00
76) Chrysene-d12	13.974	240	265097	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	249107	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1012691	111.669	ng		0.02
7) Phenol-d6	6.445	99	1236013	109.240	ng		0.01
23) Nitrobenzene-d5	7.357	82	761055	72.498	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	405512	112.355	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1584222	73.849	ng		0.00
79) Terphenyl-d14	12.916	244	1688069	83.930	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	115695	32.255	ng		96
3) Pyridine	3.398	79	265494	30.564	ng		96
4) n-Nitrosodimethylamine	3.363	42	135587	35.927	ng		88
6) Aniline	6.457	93	379898	33.223	ng	#	14
8) 2-Chlorophenol	6.581	128	404409	40.848	ng		100
9) Benzaldehyde	6.345	77	139126	21.713	ng		92
10) Phenol	6.457	94	452978	37.623	ng		82
11) bis(2-Chloroethyl)ether	6.534	93	354057	39.453	ng		96
12) 1,3-Dichlorobenzene	6.734	146	402237	36.127	ng		97
13) 1,4-Dichlorobenzene	6.810	146	418122	37.020	ng		99
14) 1,2-Dichlorobenzene	6.957	146	398209	37.493	ng		98
15) Benzyl Alcohol	6.939	79	314900	41.562	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	417714	36.190	ng		89
17) 2-Methylphenol	7.057	107	311268	38.916	ng	#	93
18) Hexachloroethane	7.298	117	148692	37.708	ng		94
19) n-Nitroso-di-n-propyla...	7.210	70	251818	38.582	ng		97
20) 3+4-Methylphenols	7.210	107	388677	39.150	ng	#	77
22) Acetophenone	7.204	105	543355	38.773	ng		97
24) Nitrobenzene	7.375	77	382192	36.191	ng		99
25) Isophorone	7.616	82	714654	37.893	ng		97
26) 2-Nitrophenol	7.692	139	216468	41.695	ng	#	88
27) 2,4-Dimethylphenol	7.733	122	346878	54.186	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	447820	38.641	ng		100
29) 2,4-Dichlorophenol	7.933	162	335398	39.693	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	368822	37.433	ng		99
31) Naphthalene	8.092	128	1149027	36.715	ng		99
32) Benzoic acid	7.881	122	246978	38.891	ng		96
33) 4-Chloroaniline	8.145	127	278796	24.988	ng		98
34) Hexachlorobutadiene	8.204	225	213173	36.507	ng		100
35) Caprolactam	8.528	113	105869m	40.686	ng		
36) 4-Chloro-3-methylphenol	8.639	107	351147	39.139	ng		99
37) 2-Methylnaphthalene	8.786	142	755484	37.945	ng		95
38) 1-Methylnaphthalene	8.886	142	701261	35.894	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	368710	40.487	ng		99
41) Hexachlorocyclopentadiene	8.933	237	355060	105.240	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	241217	40.680	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	254247	38.417	ng		98
46) 1,1'-Biphenyl	9.251	154	972848	39.059	ng		98
47) 2-Chloronaphthalene	9.275	162	737641	38.051	ng		97
48) 2-Nitroaniline	9.375	65	200258	38.516	ng		94
49) Acenaphthylene	9.692	152	1080892	39.141	ng		99
50) Dimethylphthalate	9.557	163	868629	40.306	ng		99
51) 2,6-Dinitrotoluene	9.622	165	188766	38.934	ng		99
52) Acenaphthene	9.863	154	680782	38.470	ng		96
53) 3-Nitroaniline	9.792	138	155705	31.450	ng		97
54) 2,4-Dinitrophenol	9.904	184	203551	83.038	ng	#	93
55) Dibenzofuran	10.039	168	980248	37.918	ng		98
56) 4-Nitrophenol	9.969	139	278429	75.019	ng		96
57) 2,4-Dinitrotoluene	10.027	165	243401	37.950	ng	#	89
58) Fluorene	10.380	166	789174	38.028	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	216725	40.882	ng		99
60) Diethylphthalate	10.263	149	835995	39.450	ng		99
61) 4-Chlorophenyl-phenyle...	10.374	204	397925	39.334	ng		92
62) 4-Nitroaniline	10.410	138	188600	38.364	ng		97
63) Azobenzene	10.533	77	725467	37.611	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	146261	44.309	ng		80
66) n-Nitrosodiphenylamine	10.498	169	708515	41.427	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	255059	41.159	ng		93
68) Hexachlorobenzene	10.933	284	284248	39.687	ng	#	89
69) Atrazine	11.033	200	300472	61.555	ng		98
70) Pentachlorophenol	11.133	266	275319	68.111	ng		99
71) Phenanthrene	11.351	178	1172582	40.026	ng		99
72) Anthracene	11.398	178	1190972	40.362	ng		98
73) Carbazole	11.557	167	1002111	38.371	ng		99
74) Di-n-butylphthalate	11.886	149	1295486	40.464	ng		98
75) Fluoranthene	12.539	202	1110389	36.169	ng		97
77) Benzidine	12.663	184	236679	39.502	ng		98
78) Pyrene	12.768	202	1113727	42.897	ng		98
80) Butylbenzylphthalate	13.392	149	415197	44.924	ng		93
81) Benzo(a)anthracene	13.968	228	762104	41.271	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	231096	44.635	ng		99
83) Chrysene	14.004	228	721153	39.694	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	543379	47.959	ng		99
85) Di-n-octyl phthalate	14.574	149	822125	49.124	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	859898	49.688	ng		99
88) Benzo(b)fluoranthene	15.021	252	748923	43.971	ng		98
89) Benzo(k)fluoranthene	15.051	252	623591	38.850	ng		99
90) Benzo(a)pyrene	15.398	252	613017	43.582	ng		98
91) Dibenzo(a,h)anthracene	16.998	278	724433	51.096	ng		99
92) Benzo(g,h,i)perylene	17.439	276	715568	49.173	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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